In the Claims

Please rewrite Claims 1-5 and 8-20 and add new Claims 21-29 as follows:

1. (Currently Amended) A rotary connector comprising:

a stationary housing having a cylindrical portion;

a movable housing having a cylindrical portion and provided on said stationary housing so as to be rotatable relatively thereto; and

a flexible cable accommodated within a housing section formed between said stationary housing and said movable housing, a first end of the flexible cable fixed to the stationary housing and a second end of the flexible cable fixed to the movable housing, the flexible cable guided by a guide portion to the housing section; and

a temperature detector in contact with a portion of the flexible cable in the guide portion to detect a temperature of the flexible cable.~~, wherein~~

~~both ends of said flexible cable are fixed to said stationary housing and said movable housing, respectively, and said rotary connector further comprises temperature detection means for detecting a temperature of said flexible cable, said temperature detection means being exposed within said housing section.~~

2. (Currently Amended) The rotary connector according to claim 1, wherein said temperature ~~detection means~~detector is provided in one of said cylindrical portion of said stationary housing and said cylindrical portion of said movable housing.

3. (Currently Amended) The rotary connector according to claim 1, wherein said rotary connector further comprises a holding member for holding said temperature ~~detection means~~detector and said holding member is provided in one of said cylindrical portion of said stationary housing and said cylindrical portion of said movable housing.

4. (Currently Amended) The rotary connector according to claim 1, wherein said temperature ~~detection means~~detector is provided near one of fixing portions located between said flexible cable and one of said stationary housing and said movable housing.

5. (Currently Amended) The rotary connector according to claim 1, wherein said rotary connector further comprises a pressing member arranged at the guide portion to depress ~~provided to face said temperature detection means and press~~ said flexible cable against said temperature ~~detection means~~detector.

6. (Original) The rotary connector according to claim 5, wherein said pressing member has a structure independent of said stationary housing and said movable housing and is provided in one of said cylindrical portion of said stationary housing and said cylindrical portion of said movable housing.

7. (Original) The rotary connector according to claim 5, wherein said pressing member includes an elastic portion having elasticity and presses said flexible cable via said elastic portion.

8. (Currently Amended) The rotary connector according to claim 1, wherein said temperature ~~detection means is composed of~~detector comprises a temperature sensor.

9. (Currently Amended) The rotary connector according to claim 7, wherein said temperature ~~detection means is composed of~~detector comprises a temperature sensor.

10. (Currently Amended) The rotary connector according to claim 1, wherein said temperature ~~detection means is composed of~~detector comprises a thermistor.

11. (Currently Amended) The rotary connector according to claim 7, wherein said temperature ~~detection means is composed of~~detector comprises a thermistor.

12. (Currently Amended) A rotary connector comprising:

a stationary housing;

a movable housing provided on said stationary housing so as to be rotatable relatively thereto;

a flexible cable accommodated within a housing section formed between said stationary housing and said movable housing, the flexible cable having conductors and an insulating film disposed on one side of the conductors; ~~and~~

a first lead block connected to a first end of the flexible cable and a second lead block connected to a second end of the flexible cable; and

a temperature detector in contact with the flexible cable and mounted on the insulating film to detect a temperature of the conductors of the flexible cable.~~lead blocks connected to both ends of said flexible cable, respectively, wherein~~

~~said rotary connector further comprises temperature detection means for detecting a temperature of said flexible cable near a connection part located between said flexible cable and one of said lead blocks.~~

13. (Currently Amended) The rotary connector according to claim 12, wherein said temperature ~~detection means~~ detector contacts the flexible cable at ~~is provided on~~ an area of said flexible cable~~, said area~~ corresponding to a position of said flexible cable ~~being~~ placed on the first ~~said~~ lead block.

14. (Currently Amended) The rotary connector according to claim 12, wherein said temperature ~~detection means~~detector is provided in said first lead block.

15. (Currently Amended) The rotary connector according to claim 12, wherein said temperature ~~detection means is composed of~~detector comprises a temperature sensor.

16. (Currently Amended) The rotary connector according to claim 13, wherein said temperature ~~detection means is composed of~~detector comprises a temperature sensor.

17. (Currently Amended) The rotary connector according to claim 14, wherein said temperature ~~detection means is composed of~~detector comprises a temperature sensor.

18. (Currently Amended) The rotary connector according to claim 12, wherein said temperature ~~detection means is composed of~~detector comprises a thermistor.

19. (Currently Amended) The rotary connector according to claim 13, wherein said temperature ~~detection means is composed of~~detector comprises a thermistor.

20. (Currently Amended) The rotary connector according to claim 14, wherein said temperature ~~detection means is composed of~~detector comprises a thermistor.

21. (New) The rotary connector according to claim 1, wherein the movable housing comprises a holder having a first engagement portion in which the first lead block is contained and the guide portion, and the flexible cable extends through the guide portion from the first engagement portion to the holding section.

22. (New) The rotary connector according to claim 21, further comprising a pressing member, the flexible cable pressed against the temperature detector by the pressing member.

23. (New) The rotary connector according to claim 22, wherein the pressing member includes a support portion and an elastic portion, and the flexible cable is pressed against the temperature detector by the elastic portion.

24. (New) The rotary connector of claim 23, wherein a second groove-shaped engagement portion is contained in the holder and opposes the temperature sensor, and the support portion mates with the second engagement portion.

25. (New) The rotary connector of claim 24, wherein the elastic portion extends from the support portion in a direction approximately perpendicular to the support portion.

26. (New) The rotary connector of claim 24, wherein the temperature detector is contained within a holding member, the holder has a cut-portion into which the holding member fits, the holding member has side walls with projections, the cut-portion has inner walls with recesses into which the projections fit.

27. (New) The rotary connector of claim 1, wherein the temperature detector is contained within a holding member, the holder has a cut-portion into

which the holding member fits, the holding member has side walls with projections, the cut-portion has inner walls with recesses into which the projections fit.

28. (New) The rotary connector according to claim 12, wherein the temperature detector contacts the flexible cable within a distance of about a length of the first lead block from an end of the first lead block.

29. (New) The rotary connector according to claim 12, wherein the first lead block has a recess at a plane contacting the flexible cable, and the temperature detector is arranged in the recess to contact the flexible cable.